200208843

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Naffziger, et al.

Confirmation No.:

Application No.: 10/700,919

Examiner: unknown

Filing Date:

Nov. 4, 2003

Group Art Unit: n/a

Title:

SYSTEMS AND METHODS FOR GENERATING A CURRENT

Mail Stop Amendment **Commissioner for Patents** PO Box 1450 Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

This Information Disclosure Statement is submitted:

under 37 CFR 1.97(b), or (Within three months of filing national application; or date of entry of national application; or before mailing date of first office action on the merits; whichever occurs last)

(X) under 37 CFR 1.97 (c) together with either a:

() Statement under 37 CFR 1.97(e), or

(X) a \$180.00 fee under 37 CFR 1.17(p), or (After the CFR 1.97 (b) time period, but before final action or notice of allowance, whichever occurs first)

() under 37 CFR 1.97 (d) together with a:

() Statement under 37 CFR 1.97(e)(1) or (2), and

() a \$180.00 fee set forth in 37 CFR 1.17(p).

(Filed after final action, a notice of allowance, on or before payment of the issue fee)

Please charge to Deposit Account 08-2025 the sum of \$180.00 . At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25.

- (X)Applicant(s) submit herewith Form PTO 1449 - Information Disclosure Statement together with any required copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.
- A concise explanation of the relevance of foreign language patents, foreign language publications and other foreign language information listed on PTO Form 1449, as presently understood by the individuals(s) designated in 37 CFR 1.56 (c) most knowledgeable about the content is given on the attached sheet, or where a foreign language patent is cited in a search report or other action by a foreign patent office in a counterpart foreign application, an English language version of the search report or action which indicates the degree of relevance found by the foreign office is listed on form PTO 1449 and is enclosed herewith.

It is requested that the information disclosed herein be made of record in this application.

(X) I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, Alexandria, VA 22313-1450. Date of Deposit: Mar. 23, 2005 OR

) I hereby certify that this paper is being transmitted to the Patent and Trademark Office facsimile number Number of pages:

Typed Name:Lisa L. Pringle

Respectfully submitted,

Naffziger, et al.

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Date: Mar. 23, 2005

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Rev 12/04 (IDSCERT)

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RANGE LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)				200208843-1 APPLICANT Naffziger, et al. FILING DATE Nov. 4, 2003	10/700,919 n/a GROUP		
REFERE	NCE	DESIGNATION	U.S. PA	TEN	T DOCUMENTS		
EXAMINER INITIAL		DOCUMENT NUMBER	PUBLICATION DATE		NAME	Pages, Column Relevant Passages	s, Lines Where or Figures Appear
	1A	4,573,005	02-25-1986	va	n de Plassche	fig. 2; col. 2, line 5; col. 8, line 49-	16-col. 3, line col. 10, line 46
	1B						
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FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	NAME OF PATENTEE OR APPLICANT	Pages/Columns/Lines Where Relevant Passages/Figures Appear	Check if Translation attached
1L	JP 03048506A	03-01-1991	Nippon Electric	PAJ abstract and fig. 1	
1M					
1N					
 10					† .
 1P					

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, etc.)

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	10	United Kingdom Search Report for GB0424 1-10 completed 02-15-2005	m Search Report for GB0424186.5 dated 02-16-2005. d 02-15-2005		
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